#5

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: John E. Sims et al.

Attorney Docket No.: 3086-A

Serial No.:

IAN 3 1 2002

09/981,421

Group Art No.: 1632

Filed:

October 17, 2001

Examiner: Unknown

For:

METHODS FOR TREATING IL-18 MEDIATED DISORDERS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to the duty of disclosure as set forth in 37 C.F.R. §1.56, §1.97 and §1.98, Applicants hereby disclose publications known to them which may be material to the patentability of this invention. The publications are listed on the attached Form PTO-1449. Kindly acknowledge receipt of this Statement and make the cited references of record in the subject application.

Since the submission of the documents listed on the Form PTO-1449 is made before the mailing of the first Office Action in connection with the above-captioned application, no fee under 37 C.F.R. 1.17(p) is believed to be required.

Respectfully submitted

Kathleen Fowler Reg. No. 40,611

Immunex Corporation 51 University Street Seattle, WA 98101

Telephone: (206) 587-0430 Facsimile: (206) 233-0644

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

Date: Kunuduz 18.

Signed:

Kathleen K Prindle

Form PTO-1	14/49 ∪.s. ⊀	PARTMENT O	F COMMERCE	ATTY. DOCKET NO.	**	SERIAL NO.	-	
l E		ATENT AND TRADEMARK OFFICE		3086-A		09/981,421		
INFORM	ARON DISCLE	SURE CI	ΓΑΤΙΟΝ	APPLICANT	J			
RADEMARK				John E. Sims et al.				
	7- 1 1	FILING DATE		GROUP				
(Use several sheets if necessary)				October 17, 2001 163			632	
	<u> </u>		Ţ <u>-</u>					
EXAMINER	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,776,731	07/07/98	Parnet et al.					
	5,912,324	06/15/99	Okamura et	al.				
	6,060,283	05/09/00	Okura et al.	· · · · · · · · · · · · · · · · · · ·				
	6,087,116	07/11/00	Torigoe et a	1.				
		FO	REIGN PATE	NT DOCUMENTS	L			
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	WO 99/09063	02/25/99	PCT					
	WO 99/19480	04/22/99	PCT				-	4 - No. 200.
	WO 99/37772	07/29/99	PCT				-	
	WO 99/37773	07/29/99	PCT				4 (5) 2,3(1	Jackson George
	WO 00/18800	04/06/00	PCT					
	WO 00/56771	09/28/00	PCT					
	WO 01/07480 A2	02/01/01	PCT					
	OTHER DOC	UMENTS (1	ncluding Autho	r, Title, Date, Pertinent	Pages F	Etc.)	· · ·	
	Dayer, "Interleuk 104(10):1337-13	kin-18, rhei	ımatoid arthr	itis, and tissue destr	uction,	"J. Clin. In	vest.	
	Debets et al., "IL	-18 Recept	ors, Their Ro	ole in Ligand Bindin	g and F	function: A	nti-∏	
	IRACPL Antiboo	iy, a Poteni	t Antagonist o	of IL-18," <i>J. Immund</i>	ol. 165:	4950-4956	2000	., .
	Gracie et al., "A 104(10):1393-14	proinflamn	natory role fo	or IL-18 in rheumato	id arthr	itis," <i>J. Clin</i>	n. Inves	t.
	Leung et al., "Co	mbined Ef	fects of IL-12	2 and IL-18 on the In	duction	a of College	n Indu	
	Arthritis, J. Imm	iunol. 164:	6495-6502, 2	2000				[
	Monteleone et al.	"Bioactive	e IL-18 Expre	ession is Up-Regulat	ted in C	Crohn's Disc	ease," J	• ,
	Immunol. 163:14	3-14/, 199 'Interleuki	9 2-18 is a unic	ue cytokine that stir	1.4	1 /1 /01 1	1 571 0	
	responses depend	ling on its o	cytokine mili	eu," Cytokine Growt	nulates th Facto	ooth ThI a or Review 1	nd Th2 2(1):53	-72,
	Olee et al., "IL-18	3 is Produc	ed by Articul	ar Chondrocytes and	d Induc	es Proinflar	nmator	V
	and Catabolic Re	sponses," J	I. Immunol. 1	<i>62</i> :1096-1100, 1999)			7
	1		D	ATE CONSIDERED				
XAMINER								

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTC	0-1449	EPARTMENT C	F COMMERCE	ATTY, DOCKET NO.		SERIAL NO.			
JAN 3 1 2002 TENT AND TRADEMARK OFFICE			3086-A		09/981,421				
INFORMATION DISCLOSURE CITATION				John E. Sims et a		-			
		FILING DATE	GROUP						
-	(Use several sheets ij	necessary	<u>) </u>	October 17, 20	01	1 1		632	
		γ	U.S. PATENT	DOCUMENTS					
EXAMINER	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
								·	
							L		
		FO	REIGN PATE	NT DOCUMENTS					
-	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS YES	SLATION NO	
	WO 01/62285 A1 EP 0 850 952 A1	08/30/01 07/01/98	PCT Europe						
	EP 0 861 663 A2	09/02/98	Europe						
	EP 0 864 585 A1	09/16/98	Europe					1	
	EP 0 974 600 A2	01/26/00	Europe						
	EP 1 101 772 A1	05/23/01	Europe						
	EP 1 110 969 A1	06/27/01	Europe						
	OTHER DOC	UMENTS (Including Autho	or, Title, Date, Pertinen	t Pages, I	Etc.)			
	Pizarro et al., "II	L-18, a Nov	vel Immunor	egulatory Cytokine, Intestinal Mucosal	is Up-R	Regulated in	Crohr. 162:6	ı's 829-	
	Tissues," Arthrit	<u>is & Rheur</u>	natism 42(8):	Enzyme/Caspase-1: :1577-1587, 1999				. 7)***	
	Ushio et al., "Clo	oning of the and Studie	e cDNA for I	Human IFN-γ-Induc logic Activities of the	ing Factor	tor, Express ein," <i>J. Imm</i>	ion in unol.		
	Wei et al., "Alter Staphylococcus at 1999	red Immun uureus Infe	e Responses ction in IL-1	and Susceptibility to 8-Deficient Mice,".) Leishr J. Immu	nania major nol. 163:28	r and 21-282	28,	
								٠.	
			C	DATE CONSIDERED	·	· · · · · · · · · · · · · · · · · · ·		· .	
EXAMINER								• •	
EXAMINER: In	nitial if citation considered	, whether or	not citation is in	conformance with MPE	P 609; D	raw line throu	gh citati	on if	
111 0011101	mance and not considere	u. molude co	opy or uns form	with next communicatio	n to appl	cant.			